

MOBILE CLINICAL INFORMATION SYSTEM

ABSTRACT

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A wireless bi-directional portable patient monitor incorporated into a mobile clinical information management system is disclosed. The portable patient monitor includes a communications interface to receive patient data from a wireless local area network within a medical care facility and transmit care parameters as needed to the wireless network in response. The portable patient monitor includes a processor connected to the communications interface to process the patient data and the care parameters. A display is connected to the processor to display the processed patient data to the health care provider. The monitor includes an input device connected to the processor to allow a change in the care parameters by the health care provider. The portable patient monitor is also configured to allow wireless transport on the health care provider for extended periods. The mobile clinical information management system includes a number of bedside patient monitors to connect to the patients and transmit the patient data. The system also includes the wireless network coupled to the bedside patient monitors and the portable patient monitors to improve efficiencies in the delivery of health care in the medical care facility.